



Update On An Interesting New Endovascular Technology to Slow AAA Growth: Updated Clinical Results of the First-In-Human Trial

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VEITH Symposium, November 19th, 2024

Disclosures

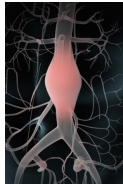
Andrew Holden, MBChB, FRANZCR:
Medical Advisory Board Member for Medtronic, Gore, Philips, Boston Scientific
Clinical Investigator for Bard-BD, Boston Scientific, Cagent Medical, Cook Medical, Eferomol, Endologix, Endospin, Gore Medical, Intact Vascular, Medtronic, Nectero, Philips, Reflow Medical, Shape Memory, Shockwave Medical, Terumo

No other disclosures



AAA: Rapid Progression With Increasing Risk of Rupture


Risk of AAA Rupture Increases with Size
3.5-5.0cm AAA Have No Proven Treatment Options



Size (cm)	3	4	5
Category	Small	Mid	Large
1-yr Risk of Rupture	0	0.5 - 5%	3 - 15% 10 - 20%
Current Treatment	None	Active Surveillance	OSR ¹ & EVAR ²


Over 2M Diagnosed Patients Worldwide

1. Open Aortic Repair
2. Endovascular Aortic Repair



Nectero EAST System

Stabilizer Mixture



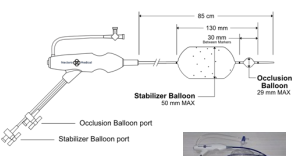
3 x Stabilizer Vials

- Contains 1,2,3,4,6-Pentaglycylglucose (PGG)
- Radiopaque

For enhanced convenience, the following included with the System:


- (1) Digital Pressure Gauge
- (1) 30-mL Syringe
- (1) 60-mL VacuLock[®] Syringe
- (2) 5-mL 4.2% Sodium Bicarbonate


Dual-Balloon Delivery Catheter



85 cm
130 mm
80 mm
Stabilizer Balloon 50 mm MAX
Occlusion Balloon 20 mm MAX

Occlusion Balloon port
Stabilizer Balloon port



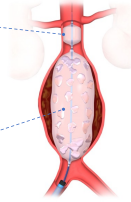


Procedure Utilizes Standard Endovascular Techniques

- Easy-to-use delivery system
- Total procedure takes <1 hour
- General or conscious sedation
- Delivered through 14F sheath
- Thrombus does not pose a barrier for PGG diffusion
- Leaves no permanent implant behind


Occlusion Balloon

- Reduces blood pressure in the aneurysm sac



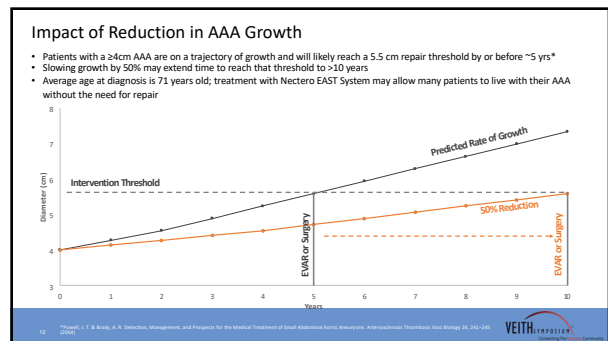
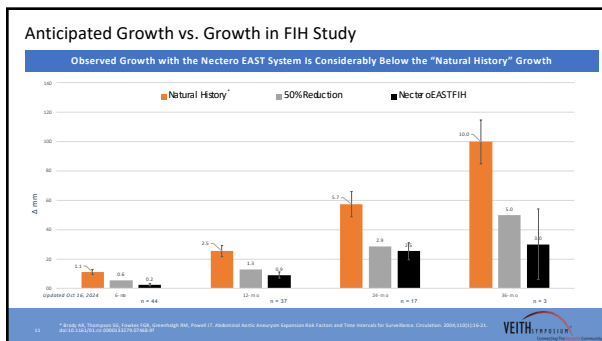
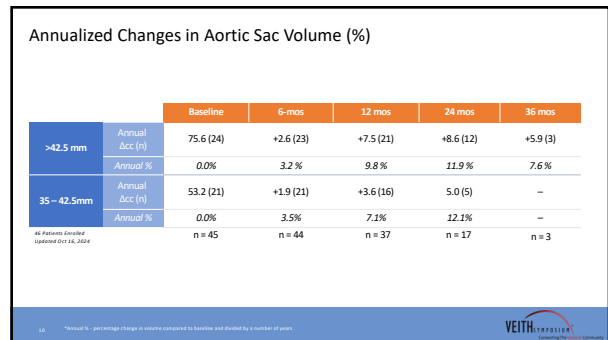
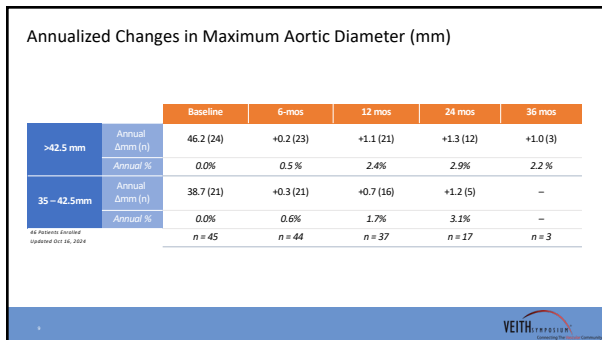
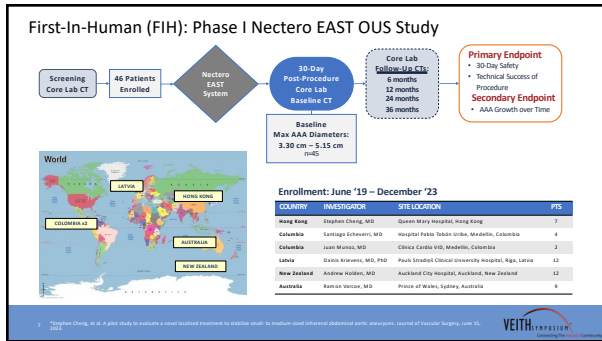
Stabilizer Balloon

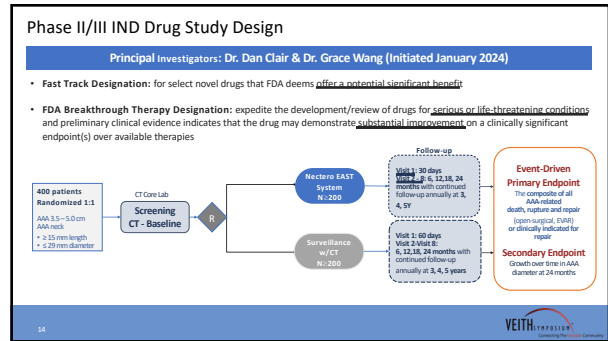
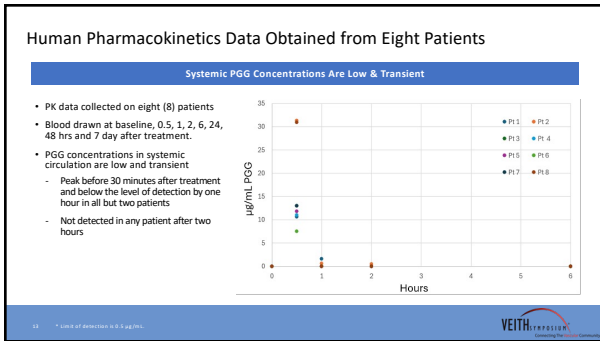
- Delivers 25ml of stabilizer solution in ~3 minute



Nectero EAST System: Clinical Case 15th August 2022





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